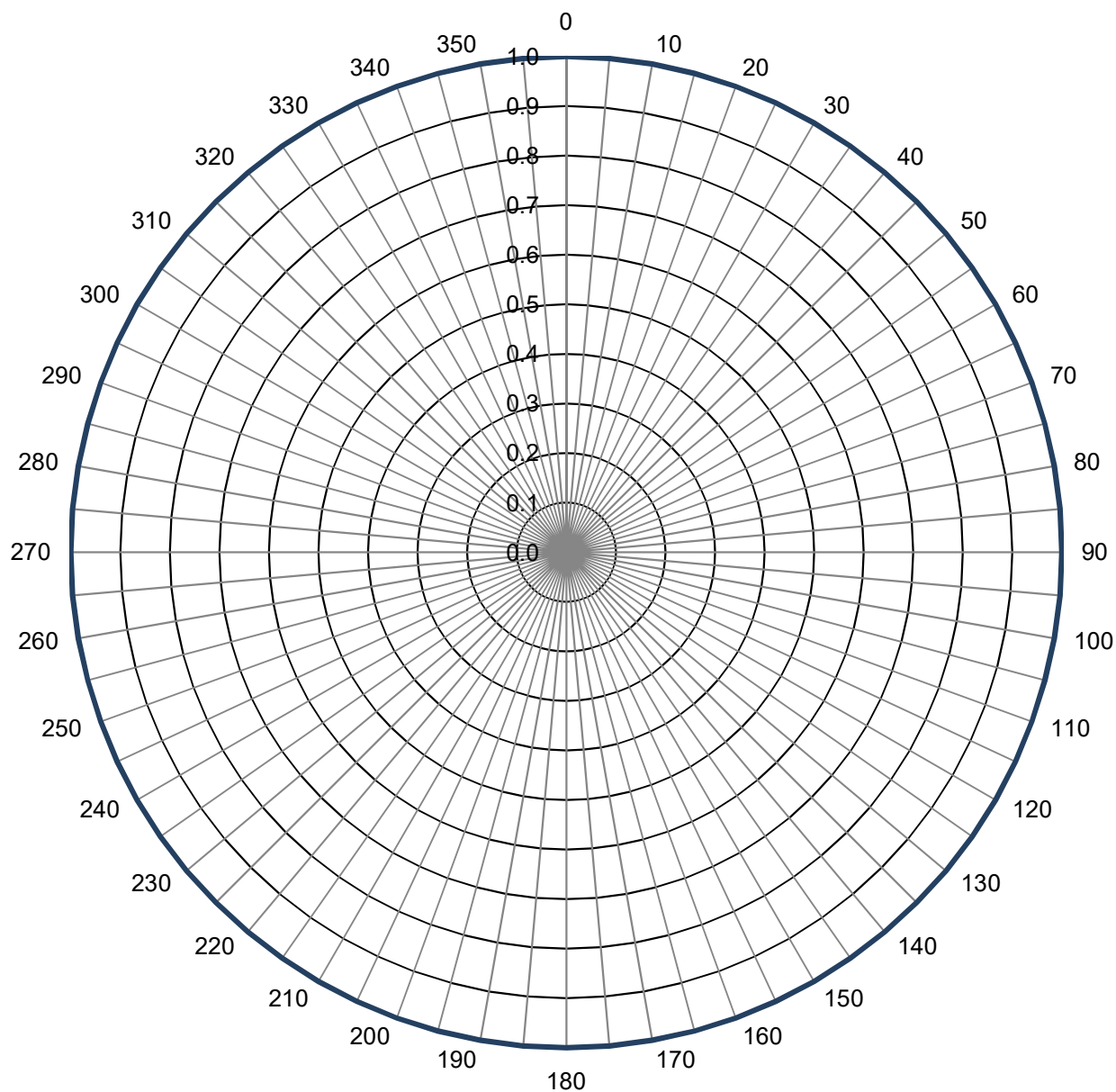


Azimuth Pattern

Type:	ATW-O	Polarization:	Horizontal
Directivity:	1.00 numeric (0.00 dB)	Frequency:	33 (ATSC)
Peak(s) at:		Location:	Orlando, FL
		NOTE: Pattern shape and directivity may vary with channel and mounting configuration.	

Relative Field



Tabulated Data for Azimuth PatternType: ATW-O

Angle	Field	dB
0	1.000	0.00
2	1.000	0.00
4	1.000	0.00
6	1.000	0.00
8	1.000	0.00
10	1.000	0.00
12	1.000	0.00
14	1.000	0.00
16	1.000	0.00
18	1.000	0.00
20	1.000	0.00
22	1.000	0.00
24	1.000	0.00
26	1.000	0.00
28	1.000	0.00
30	1.000	0.00
32	1.000	0.00
34	1.000	0.00
36	1.000	0.00
38	1.000	0.00
40	1.000	0.00
42	1.000	0.00
44	1.000	0.00
46	1.000	0.00
48	1.000	0.00
50	1.000	0.00
52	1.000	0.00
54	1.000	0.00
56	1.000	0.00
58	1.000	0.00
60	1.000	0.00
62	1.000	0.00
64	1.000	0.00
66	1.000	0.00
68	1.000	0.00
70	1.000	0.00
72	1.000	0.00
74	1.000	0.00
76	1.000	0.00
78	1.000	0.00
80	1.000	0.00
82	1.000	0.00
84	1.000	0.00
86	1.000	0.00
88	1.000	0.00
90	1.000	0.00
92	1.000	0.00
94	1.000	0.00
96	1.000	0.00
98	1.000	0.00

Angle	Field	dB
100	1.000	0.00
102	1.000	0.00
104	1.000	0.00
106	1.000	0.00
108	1.000	0.00
110	1.000	0.00
112	1.000	0.00
114	1.000	0.00
116	1.000	0.00
118	1.000	0.00
120	1.000	0.00
122	1.000	0.00
124	1.000	0.00
126	1.000	0.00
128	1.000	0.00
130	1.000	0.00
132	1.000	0.00
134	1.000	0.00
136	1.000	0.00
138	1.000	0.00
140	1.000	0.00
142	1.000	0.00
144	1.000	0.00
146	1.000	0.00
148	1.000	0.00
150	1.000	0.00
152	1.000	0.00
154	1.000	0.00
156	1.000	0.00
158	1.000	0.00
160	1.000	0.00
162	1.000	0.00
164	1.000	0.00
166	1.000	0.00
168	1.000	0.00
170	1.000	0.00
172	1.000	0.00
174	1.000	0.00
176	1.000	0.00
178	1.000	0.00
180	1.000	0.00
182	1.000	0.00
184	1.000	0.00
186	1.000	0.00
188	1.000	0.00
190	1.000	0.00
192	1.000	0.00
194	1.000	0.00
196	1.000	0.00
198	1.000	0.00

Angle	Field	dB
200	1.000	0.00
202	1.000	0.00
204	1.000	0.00
206	1.000	0.00
208	1.000	0.00
210	1.000	0.00
212	1.000	0.00
214	1.000	0.00
216	1.000	0.00
218	1.000	0.00
220	1.000	0.00
222	1.000	0.00
224	1.000	0.00
226	1.000	0.00
228	1.000	0.00
230	1.000	0.00
232	1.000	0.00
234	1.000	0.00
236	1.000	0.00
238	1.000	0.00
240	1.000	0.00
242	1.000	0.00
244	1.000	0.00
246	1.000	0.00
248	1.000	0.00
250	1.000	0.00
252	1.000	0.00
254	1.000	0.00
256	1.000	0.00
258	1.000	0.00
260	1.000	0.00
262	1.000	0.00
264	1.000	0.00
266	1.000	0.00
268	1.000	0.00
270	1.000	0.00
272	1.000	0.00
274	1.000	0.00
276	1.000	0.00
278	1.000	0.00
280	1.000	0.00
282	1.000	0.00
284	1.000	0.00
286	1.000	0.00
288	1.000	0.00
290	1.000	0.00
292	1.000	0.00
294	1.000	0.00
296	1.000	0.00
298	1.000	0.00

Angle	Field	dB
300	1.000	0.00
302	1.000	0.00
304	1.000	0.00
306	1.000	0.00
308	1.000	0.00
310	1.000	0.00
312	1.000	0.00
314	1.000	0.00
316	1.000	0.00
318	1.000	0.00
320	1.000	0.00
322	1.000	0.00
324	1.000	0.00
326	1.000	0.00
328	1.000	0.00
330	1.000	0.00
332	1.000	0.00
334	1.000	0.00
336	1.000	0.00
338	1.000	0.00
340	1.000	0.00
342	1.000	0.00
344	1.000	0.00
346	1.000	0.00
348	1.000	0.00
350	1.000	0.00
352	1.000	0.00
354	1.000	0.00
356	1.000	0.00
358	1.000	0.00
360	1.000	0.00

Elevation Pattern

Type: ATW29H3H

Polarization: Horizontal

Directivity:

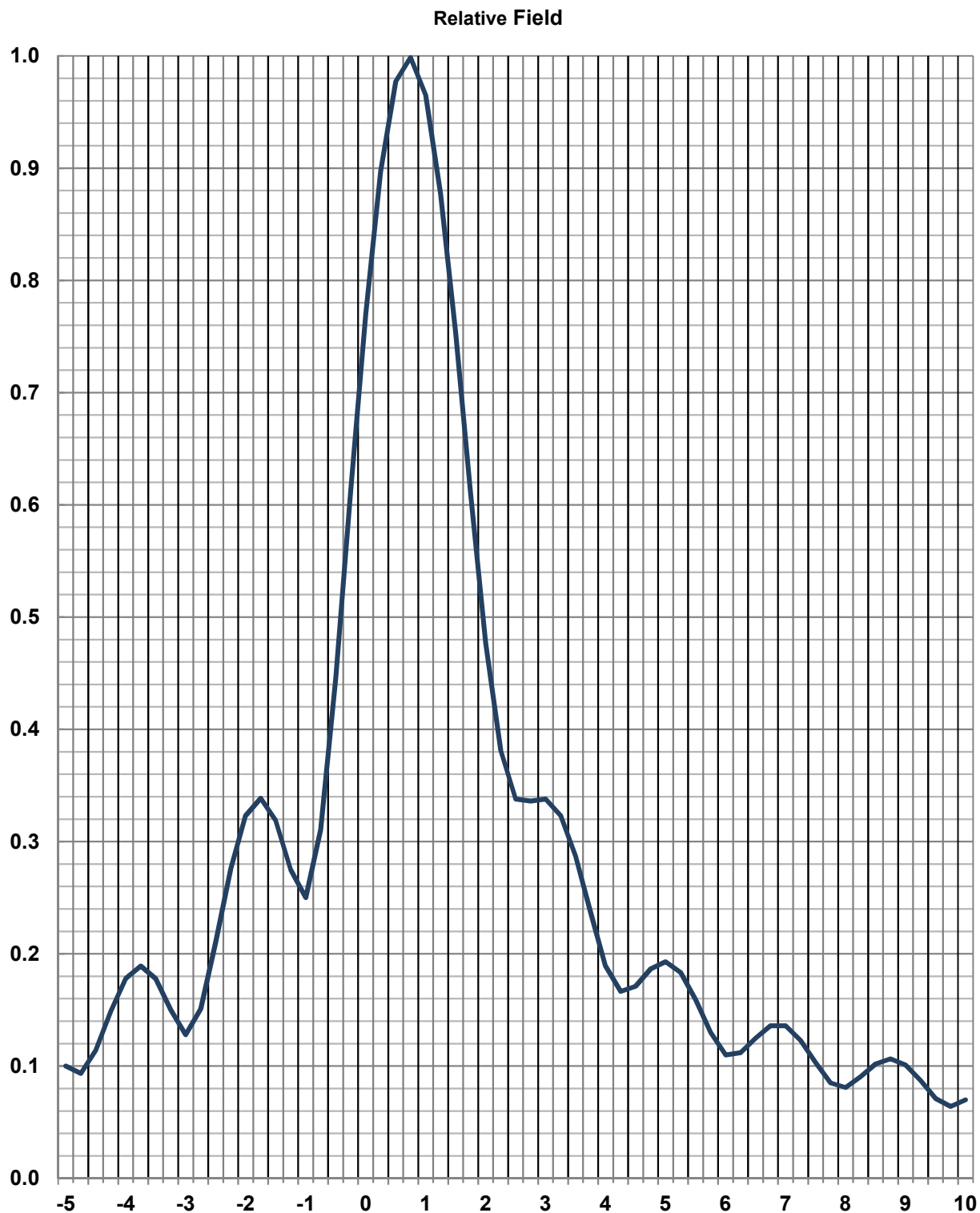
Frequency: 33 (ATSC)

Main Lobe: 29.00 numeric (14.62 dB)

Location: Orlando, FL

Horizontal: 17.19 numeric (12.35 dB)

Beam Tilt: 0.75 degrees



Tabulated Data for Elevation PatternType: ATW29H3H

-5 to 10 degrees in 0.25 degree increments.

10 to 90 degrees in 0.50 degree increments.

Angle	Field	dB	Angle	Field	dB	Angle	Field	dB	Angle	Field	dB	Angle	Field	dB
-5.00	0.100	-20.00	7.25	0.123	-18.20	29.00	0.025	-32.04	53.50	0.022	-33.15	78.00	0.051	-25.85
-4.75	0.094	-20.58	7.50	0.103	-19.74	29.50	0.029	-30.75	54.00	0.028	-31.06	78.50	0.051	-25.85
-4.50	0.114	-18.86	7.75	0.085	-21.41	30.00	0.037	-28.64	54.50	0.035	-29.12	79.00	0.049	-26.20
-4.25	0.149	-16.54	8.00	0.081	-21.83	30.50	0.033	-29.63	55.00	0.038	-28.40	79.50	0.047	-26.56
-4.00	0.178	-14.99	8.25	0.091	-20.87	31.00	0.024	-32.40	55.50	0.034	-29.37	80.00	0.044	-27.13
-3.75	0.189	-14.47	8.50	0.102	-19.83	31.50	0.027	-31.37	56.00	0.027	-31.37	80.50	0.040	-27.96
-3.50	0.178	-14.99	8.75	0.107	-19.45	32.00	0.035	-29.12	56.50	0.022	-33.15	81.00	0.037	-28.64
-3.25	0.150	-16.48	9.00	0.101	-19.91	32.50	0.034	-29.37	57.00	0.025	-32.04	81.50	0.033	-29.63
-3.00	0.128	-17.86	9.25	0.087	-21.21	33.00	0.026	-31.70	57.50	0.033	-29.63	82.00	0.029	-30.75
-2.75	0.151	-16.42	9.50	0.071	-22.97	33.50	0.024	-32.40	58.00	0.038	-28.40	82.50	0.025	-32.04
-2.50	0.210	-13.56	9.75	0.064	-23.88	34.00	0.033	-29.63	58.50	0.038	-28.40	83.00	0.022	-33.15
-2.25	0.276	-11.20	10.00	0.070	-23.10	34.50	0.036	-28.87	59.00	0.034	-29.37	83.50	0.019	-34.42
-2.00	0.323	-9.82	10.50	0.087	-21.21	35.00	0.029	-30.75	59.50	0.027	-31.37	84.00	0.017	-35.39
-1.75	0.339	-9.41	11.00	0.077	-22.27	35.50	0.022	-33.15	60.00	0.023	-32.77	84.50	0.015	-36.48
-1.50	0.319	-9.92	11.50	0.054	-25.35	36.00	0.028	-31.06	60.50	0.027	-31.37	85.00	0.013	-37.72
-1.25	0.275	-11.21	12.00	0.064	-23.88	36.50	0.035	-29.12	61.00	0.034	-29.37	85.50	0.012	-38.42
-1.00	0.250	-12.04	12.50	0.075	-22.50	37.00	0.032	-29.90	61.50	0.040	-27.96	86.00	0.011	-39.17
-0.75	0.311	-10.16	13.00	0.060	-24.44	37.50	0.024	-32.40	62.00	0.041	-27.74	86.50	0.010	-40.00
-0.50	0.446	-7.01	13.50	0.046	-26.74	38.00	0.023	-32.77	62.50	0.039	-28.18	87.00	0.009	-40.92
-0.25	0.612	-4.26	14.00	0.060	-24.44	38.50	0.032	-29.90	63.00	0.033	-29.63	87.50	0.007	-43.10
0.00	0.770	-2.27	14.50	0.064	-23.88	39.00	0.035	-29.12	63.50	0.026	-31.70	88.00	0.006	-44.44
0.25	0.897	-0.94	15.00	0.048	-26.38	39.50	0.029	-30.75	64.00	0.024	-32.40	88.50	0.005	-46.02
0.50	0.977	-0.20	15.50	0.043	-27.33	40.00	0.022	-33.15	64.50	0.029	-30.75	89.00	0.003	-50.46
0.75	0.999	-0.01	16.00	0.056	-25.04	40.50	0.025	-32.04	65.00	0.036	-28.87	89.50	0.002	-53.98
1.00	0.965	-0.31	16.50	0.055	-25.19	41.00	0.032	-29.90	65.50	0.042	-27.54	90.00	0.000	---
1.25	0.877	-1.14	17.00	0.039	-28.18	41.50	0.033	-29.63	66.00	0.045	-26.94			
1.50	0.753	-2.46	17.50	0.041	-27.74	42.00	0.027	-31.37	66.50	0.044	-27.13			
1.75	0.611	-4.29	18.00	0.053	-25.51	42.50	0.021	-33.56	67.00	0.039	-28.18			
2.00	0.477	-6.43	18.50	0.048	-26.38	43.00	0.026	-31.70	67.50	0.033	-29.63			
2.25	0.381	-8.38	19.00	0.034	-29.37	43.50	0.033	-29.63	68.00	0.027	-31.37			
2.50	0.338	-9.42	19.50	0.040	-27.96	44.00	0.033	-29.63	68.50	0.024	-32.40			
2.75	0.336	-9.47	20.00	0.049	-26.20	44.50	0.027	-31.37	69.00	0.028	-31.06			
3.00	0.338	-9.42	20.50	0.042	-27.54	45.00	0.021	-33.56	69.50	0.034	-29.37			
3.25	0.323	-9.82	21.00	0.030	-30.46	45.50	0.026	-31.70	70.00	0.041	-27.74			
3.50	0.287	-10.84	21.50	0.038	-28.40	46.00	0.033	-29.63	70.50	0.046	-26.74			
3.75	0.237	-12.52	22.00	0.046	-26.74	46.50	0.034	-29.37	71.00	0.048	-26.38			
4.00	0.189	-14.47	22.50	0.038	-28.40	47.00	0.029	-30.75	71.50	0.048	-26.38			
4.25	0.167	-15.57	23.00	0.028	-31.06	47.50	0.022	-33.15	72.00	0.045	-26.94			
4.50	0.171	-15.34	23.50	0.037	-28.64	48.00	0.023	-32.77	72.50	0.040	-27.96			
4.75	0.187	-14.59	24.00	0.043	-27.33	48.50	0.031	-30.17	73.00	0.033	-29.63			
5.00	0.193	-14.29	24.50	0.036	-28.87	49.00	0.035	-29.12	73.50	0.027	-31.37			
5.25	0.184	-14.73	25.00	0.027	-31.37	49.50	0.032	-29.90	74.00	0.023	-32.77			
5.50	0.159	-15.97	25.50	0.035	-29.12	50.00	0.025	-32.04	74.50	0.024	-32.40			
5.75	0.130	-17.72	26.00	0.041	-27.74	50.50	0.021	-33.56	75.00	0.027	-31.37			
6.00	0.110	-19.17	26.50	0.034	-29.37	51.00	0.027	-31.37	75.50	0.033	-29.63			
6.25	0.112	-19.02	27.00	0.025	-32.04	51.50	0.034	-29.37	76.00	0.039	-28.18			
6.50	0.125	-18.06	27.50	0.033	-29.63	52.00	0.036	-28.87	76.50	0.044	-27.13			
6.75	0.136	-17.33	28.00	0.039	-28.18	52.50	0.032	-29.90	77.00	0.047	-26.56			
7.00	0.136	-17.33	28.50	0.034	-29.37	53.00	0.025	-32.04	77.50	0.050	-26.02			

Azimuth Pattern

Type:

ATW-V1

Polarization:

Vertical

Directivity:

1.00 numeric

(0.00 dB)

Frequency:

33 (ATSC)

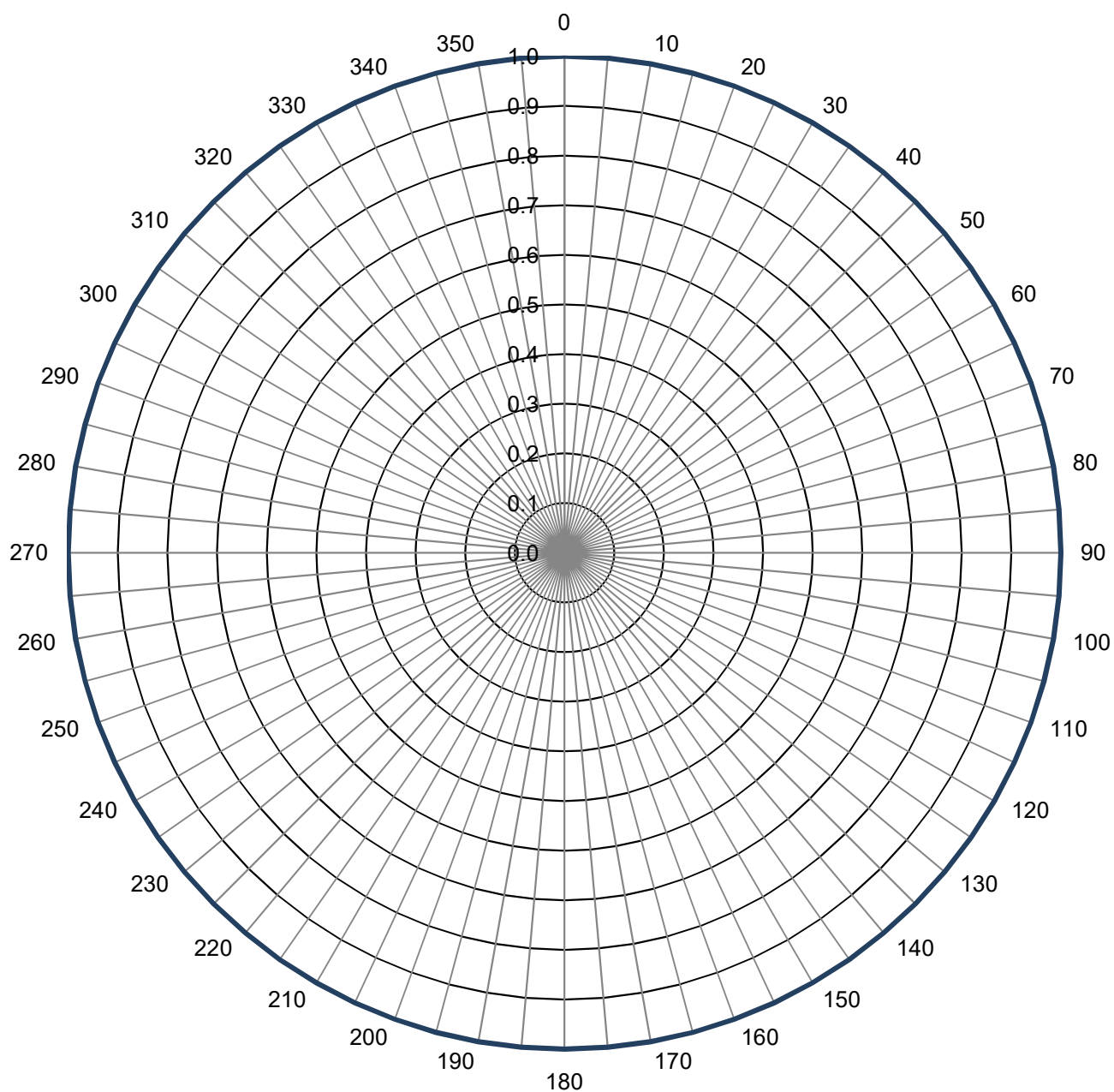
Peak(s) at:

Location:

Orlando, FL

NOTE: Pattern shape and directivity may vary with channel and mounting configuration.

Relative Field



Tabulated Data for Azimuth PatternType: ATW-V1

Angle	Field	dB
0	1.000	0.00
2	1.000	0.00
4	1.000	0.00
6	1.000	0.00
8	1.000	0.00
10	1.000	0.00
12	1.000	0.00
14	1.000	0.00
16	1.000	0.00
18	1.000	0.00
20	1.000	0.00
22	1.000	0.00
24	1.000	0.00
26	1.000	0.00
28	1.000	0.00
30	1.000	0.00
32	1.000	0.00
34	1.000	0.00
36	1.000	0.00
38	1.000	0.00
40	1.000	0.00
42	1.000	0.00
44	1.000	0.00
46	1.000	0.00
48	1.000	0.00
50	1.000	0.00
52	1.000	0.00
54	1.000	0.00
56	1.000	0.00
58	1.000	0.00
60	1.000	0.00
62	1.000	0.00
64	1.000	0.00
66	1.000	0.00
68	1.000	0.00
70	1.000	0.00
72	1.000	0.00
74	1.000	0.00
76	1.000	0.00
78	1.000	0.00
80	1.000	0.00
82	1.000	0.00
84	1.000	0.00
86	1.000	0.00
88	1.000	0.00
90	1.000	0.00
92	1.000	0.00
94	1.000	0.00
96	1.000	0.00
98	1.000	0.00

Angle	Field	dB
100	1.000	0.00
102	1.000	0.00
104	1.000	0.00
106	1.000	0.00
108	1.000	0.00
110	1.000	0.00
112	1.000	0.00
114	1.000	0.00
116	1.000	0.00
118	1.000	0.00
120	1.000	0.00
122	1.000	0.00
124	1.000	0.00
126	1.000	0.00
128	1.000	0.00
130	1.000	0.00
132	1.000	0.00
134	1.000	0.00
136	1.000	0.00
138	1.000	0.00
140	1.000	0.00
142	1.000	0.00
144	1.000	0.00
146	1.000	0.00
148	1.000	0.00
150	1.000	0.00
152	1.000	0.00
154	1.000	0.00
156	1.000	0.00
158	1.000	0.00
160	1.000	0.00
162	1.000	0.00
164	1.000	0.00
166	1.000	0.00
168	1.000	0.00
170	1.000	0.00
172	1.000	0.00
174	1.000	0.00
176	1.000	0.00
178	1.000	0.00
180	1.000	0.00
182	1.000	0.00
184	1.000	0.00
186	1.000	0.00
188	1.000	0.00
190	1.000	0.00
192	1.000	0.00
194	1.000	0.00
196	1.000	0.00
198	1.000	0.00

Angle	Field	dB
200	1.000	0.00
202	1.000	0.00
204	1.000	0.00
206	1.000	0.00
208	1.000	0.00
210	1.000	0.00
212	1.000	0.00
214	1.000	0.00
216	1.000	0.00
218	1.000	0.00
220	1.000	0.00
222	1.000	0.00
224	1.000	0.00
226	1.000	0.00
228	1.000	0.00
230	1.000	0.00
232	1.000	0.00
234	1.000	0.00
236	1.000	0.00
238	1.000	0.00
240	1.000	0.00
242	1.000	0.00
244	1.000	0.00
246	1.000	0.00
248	1.000	0.00
250	1.000	0.00
252	1.000	0.00
254	1.000	0.00
256	1.000	0.00
258	1.000	0.00
260	1.000	0.00
262	1.000	0.00
264	1.000	0.00
266	1.000	0.00
268	1.000	0.00
270	1.000	0.00
272	1.000	0.00
274	1.000	0.00
276	1.000	0.00
278	1.000	0.00
280	1.000	0.00
282	1.000	0.00
284	1.000	0.00
286	1.000	0.00
288	1.000	0.00
290	1.000	0.00
292	1.000	0.00
294	1.000	0.00
296	1.000	0.00
298	1.000	0.00

Angle	Field	dB
300	1.000	0.00
302	1.000	0.00
304	1.000	0.00
306	1.000	0.00
308	1.000	0.00
310	1.000	0.00
312	1.000	0.00
314	1.000	0.00
316	1.000	0.00
318	1.000	0.00
320	1.000	0.00
322	1.000	0.00
324	1.000	0.00
326	1.000	0.00
328	1.000	0.00
330	1.000	0.00
332	1.000	0.00
334	1.000	0.00
336	1.000	0.00
338	1.000	0.00
340	1.000	0.00
342	1.000	0.00
344	1.000	0.00
346	1.000	0.00
348	1.000	0.00
350	1.000	0.00
352	1.000	0.00
354	1.000	0.00
356	1.000	0.00
358	1.000	0.00
360	1.000	0.00

Elevation Pattern

Type: ATW26H3V

Polarization: Vertical

Directivity:

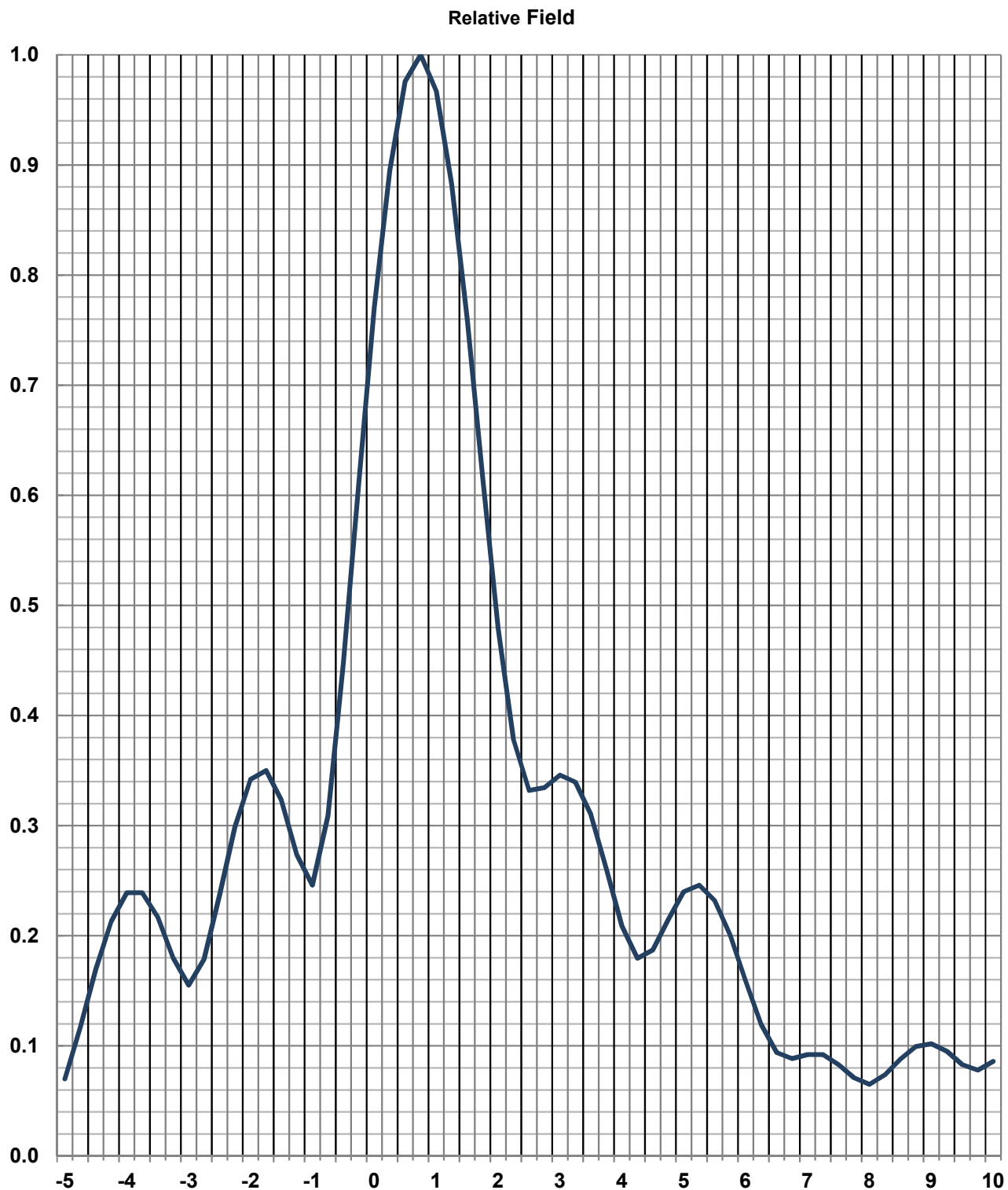
Frequency: 33 (ATSC)

Main Lobe: 26.00 numeric (14.15 dB)

Location: Orlando, FL

Horizontal: 15.42 numeric (11.88 dB)

Beam Tilt: 0.75 degrees



Tabulated Data for Elevation PatternType: ATW26H3V-5 to 10 degrees in 0.25 degree increments.
10 to 90 degrees in 0.50 degree increments.

Angle	Field	dB	Angle	Field	dB	Angle	Field	dB	Angle	Field	dB	Angle	Field	dB
-5.00	0.070	-23.10	7.25	0.092	-20.72	29.00	0.077	-22.27	53.50	0.025	-32.04	78.00	0.054	-25.35
-4.75	0.117	-18.67	7.50	0.083	-21.62	29.50	0.059	-24.58	54.00	0.030	-30.46	78.50	0.054	-25.35
-4.50	0.170	-15.39	7.75	0.071	-22.97	30.00	0.029	-30.75	54.50	0.028	-31.06	79.00	0.052	-25.68
-4.25	0.213	-13.43	8.00	0.065	-23.74	30.50	0.006	-44.44	55.00	0.019	-34.42	79.50	0.049	-26.20
-4.00	0.239	-12.43	8.25	0.074	-22.67	31.00	0.023	-32.77	55.50	0.005	-46.02	80.00	0.046	-26.74
-3.75	0.239	-12.43	8.50	0.088	-21.11	31.50	0.025	-32.04	56.00	0.013	-37.72	80.50	0.042	-27.54
-3.50	0.217	-13.27	8.75	0.100	-20.04	32.00	0.011	-39.17	56.50	0.031	-30.17	81.00	0.038	-28.40
-3.25	0.180	-14.89	9.00	0.102	-19.83	32.50	0.012	-38.42	57.00	0.046	-26.74	81.50	0.034	-29.37
-3.00	0.155	-16.19	9.25	0.095	-20.45	33.00	0.036	-28.87	57.50	0.055	-25.19	82.00	0.030	-30.46
-2.75	0.179	-14.97	9.50	0.083	-21.62	33.50	0.052	-25.68	58.00	0.058	-24.73	82.50	0.026	-31.70
-2.50	0.237	-12.51	9.75	0.078	-22.16	34.00	0.061	-24.29	58.50	0.055	-25.19	83.00	0.022	-33.15
-2.25	0.299	-10.49	10.00	0.086	-21.31	34.50	0.066	-23.61	59.00	0.049	-26.20	83.50	0.019	-34.42
-2.00	0.342	-9.32	10.50	0.126	-17.99	35.00	0.069	-23.22	59.50	0.043	-27.33	84.00	0.017	-35.39
-1.75	0.350	-9.12	11.00	0.143	-16.89	35.50	0.065	-23.74	60.00	0.040	-27.96	84.50	0.015	-36.48
-1.50	0.323	-9.82	11.50	0.115	-18.79	36.00	0.053	-25.51	60.50	0.042	-27.54	85.00	0.013	-37.72
-1.25	0.273	-11.28	12.00	0.061	-24.29	36.50	0.031	-30.17	61.00	0.044	-27.13	85.50	0.012	-38.42
-1.00	0.246	-12.18	12.50	0.030	-30.46	37.00	0.011	-39.17	61.50	0.044	-27.13	86.00	0.011	-39.17
-0.75	0.309	-10.20	13.00	0.041	-27.74	37.50	0.019	-34.42	62.00	0.041	-27.74	86.50	0.010	-40.00
-0.50	0.447	-6.99	13.50	0.037	-28.64	38.00	0.027	-31.37	62.50	0.035	-29.12	87.00	0.009	-40.92
-0.25	0.612	-4.26	14.00	0.039	-28.18	38.50	0.021	-33.56	63.00	0.028	-31.06	87.50	0.007	-43.10
0.00	0.770	-2.27	14.50	0.053	-25.51	39.00	0.005	-46.02	63.50	0.024	-32.40	88.00	0.006	-44.44
0.25	0.895	-0.96	15.00	0.057	-24.88	39.50	0.019	-34.42	64.00	0.026	-31.70	88.50	0.005	-46.02
0.50	0.976	-0.21	15.50	0.062	-24.15	40.00	0.040	-27.96	64.50	0.031	-30.17	89.00	0.003	-50.46
0.75	1.000	0.00	16.00	0.087	-21.21	40.50	0.054	-25.35	65.00	0.035	-29.12	89.50	0.002	-53.98
1.00	0.967	-0.29	16.50	0.110	-19.17	41.00	0.059	-24.58	65.50	0.036	-28.87	90.00	0.000	---
1.25	0.883	-1.09	17.00	0.106	-19.49	41.50	0.060	-24.44	66.00	0.034	-29.37			
1.50	0.760	-2.38	17.50	0.073	-22.73	42.00	0.059	-24.58	66.50	0.027	-31.37			
1.75	0.617	-4.19	18.00	0.028	-31.06	42.50	0.057	-24.88	67.00	0.019	-34.42			
2.00	0.479	-6.39	18.50	0.018	-34.89	43.00	0.050	-26.02	67.50	0.012	-38.42			
2.25	0.378	-8.45	19.00	0.030	-30.46	43.50	0.037	-28.64	68.00	0.017	-35.39			
2.50	0.332	-9.58	19.50	0.023	-32.77	44.00	0.021	-33.56	68.50	0.028	-31.06			
2.75	0.335	-9.51	20.00	0.022	-33.15	44.50	0.014	-37.08	69.00	0.039	-28.18			
3.00	0.346	-9.22	20.50	0.038	-28.40	45.00	0.023	-32.77	69.50	0.049	-26.20			
3.25	0.340	-9.38	21.00	0.050	-26.02	45.50	0.028	-31.06	70.00	0.056	-25.04			
3.50	0.310	-10.17	21.50	0.064	-23.88	46.00	0.022	-33.15	70.50	0.060	-24.44			
3.75	0.261	-11.68	22.00	0.083	-21.62	46.50	0.008	-41.94	71.00	0.061	-24.29			
4.00	0.209	-13.60	22.50	0.094	-20.54	47.00	0.014	-37.08	71.50	0.059	-24.58			
4.25	0.180	-14.92	23.00	0.085	-21.41	47.50	0.034	-29.37	72.00	0.054	-25.35			
4.50	0.187	-14.56	23.50	0.056	-25.04	48.00	0.050	-26.02	72.50	0.047	-26.56			
4.75	0.215	-13.35	24.00	0.019	-34.42	48.50	0.058	-24.73	73.00	0.040	-27.96			
5.00	0.240	-12.40	24.50	0.015	-36.48	49.00	0.058	-24.73	73.50	0.034	-29.37			
5.25	0.246	-12.18	25.00	0.026	-31.70	49.50	0.054	-25.35	74.00	0.031	-30.17			
5.50	0.232	-12.69	25.50	0.018	-34.89	50.00	0.050	-26.02	74.50	0.031	-30.17			
5.75	0.201	-13.96	26.00	0.011	-39.17	50.50	0.048	-26.38	75.00	0.034	-29.37			
6.00	0.159	-15.97	26.50	0.030	-30.46	51.00	0.046	-26.74	75.50	0.039	-28.18			
6.25	0.120	-18.45	27.00	0.047	-26.56	51.50	0.041	-27.74	76.00	0.044	-27.13			
6.50	0.094	-20.54	27.50	0.059	-24.58	52.00	0.032	-29.90	76.50	0.049	-26.20			
6.75	0.089	-21.06	28.00	0.071	-22.97	52.50	0.022	-33.15	77.00	0.052	-25.68			
7.00	0.092	-20.72	28.50	0.080	-21.94	53.00	0.020	-33.98	77.50	0.054	-25.35			